

AMENDMENTS TO THE CLAIMS

Please cancel Claims 1-10 and add new Claims 11-26, below.

Claims 1-10 (**Canceled**).

11. **(New)** A bone-fixed locator for use with a navigation system for determining the spatial position and location of a body part of a mammal based on signals from the locator, the navigation system having a recording device connected to a control and an evaluation device thereof, the bone-fixed locator comprising:

a body with fewer than three target markers, the target markers configured to communicate a signal to a recording device of a navigation system; and

an engagement portion attached to the body, the engagement portion configured for engagement with a bone of a mammal.

12. **(New)** The locator of Claim 11, wherein the engagement portion comprises a self-drilling, self-tapping thread.

13. **(New)** The locator of Claim 11, wherein the fewer than three target markers comprises two target markers that extend along a pivot axis of the body.

14. **(New)** The locator of Claim 13, wherein the engagement portion extends along the pivot axis, the locator being pivotable about the pivot axis.

15. **(New)** The locator of Claim 11, wherein the target markers comprise two reflector or transmitter elements provided on the body, the body selected from a group consisting of a substantially linear body and an L-shaped body, the reflector or transmitter elements configured to communicate a signal to an optical recording device.

16. **(New)** The locator of Claim 15, wherein the optical recording device comprises a stereo-camera arrangement.

17. **(New)** The locator of Claim 15, wherein the reflector or transmitter elements comprise retro-reflecting spheres.

18. **(New)** A navigation system for determining the spatial position and location of a body part of a mammal, comprising:

a recording device;

a control and evaluation device connected to the recording device; and

at least two locators rigidly fastened to a bone, the locators operably connected to one another via the bone, each locator comprising a body and fewer than three target markers mounted thereon,

wherein the recording device is configured to receive signals from the target markers, and wherein the control and evaluation device is configured to evaluate said signals to establish a bone-fixed co-ordinate system.

19. **(New)** The navigation system of Claim 18, wherein the control and evaluation device comprises an evaluation program configured to evaluate the signals provided by the target markers so that the signals of at most two target markers on each locator are used to determine the position of the body part of the mammal.

20. **(New)** The navigation system of Claim 18, wherein the at least two locators comprises two locators.

21. **(New)** The navigation system of Claim 18, wherein the recording device comprises a stereo-camera arrangement.

22. **(New)** A method for determining the spatial position and location of body parts of a mammal, comprising:

fastening at least two locators to a bone, the locators operably connected to one another via the bone, each locator defining a pivot axis extending between fewer than three target markers on the locator and an engagement portion of the locator, the locator pivotable about the pivot axis;

recording signals communicated by each target marker; and

evaluating said signals to determine the spatial position and location of a body part.

23. **(New)** The method of Claim 22, wherein fastening the at least two locators to the bone includes rigidly fastening the locators to the bone in a minimally-invasive manner without appreciable prior exposure of a fixing region on the bone and so as to inhibit soft-tissue irritation and impairment of the ligaments in a corresponding joint of the bone.

24. **(New)** The method of Claim 22, wherein fastening the at least two locators to a bone comprises screwing the locator into the bone.

25. **(New)** The method of Claim 22, wherein evaluating the signals includes running an evaluation program implemented in a control and evaluation device.

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26. **(New)** The method according to Claim 22, wherein evaluating the signals includes pivoting at least one of the locators about the pivot axis following a start of the evaluation process.